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ISO9001 ISO14000 벤처기업





3D Structure
B'd Design
환경친화 솔루션

Global R&D SOURCING

World Networking RF Technology Services



UQ Technologies

4차 혁명의 가치를 높이는
IoT ANT Solution

유큐테크놀로지스(주)

Contact US

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UQ Technologies Co.,Ltd
유 큐 테 크 놀 로 지 스 (주)

Distributed Antenna

WHERE THERE IS A SIGNAL,
THERE IS A SMALL & BEAUTIFUL ANTENNA.

UQ Technologies

Applications:

GSM / CDMA / PCS / CDMA2000 / WCDMA / TD-SCDMA / TD-LTE / FDD-LTE SYSTEM
698-806 / 806-960 / 1710-2170 / 2300-2700 / 3300-3800 / 4900-6000MHz Band
Indoor Signal Coverage

Features:

High Gain, Low PIM, Low VSWR
Small size, Beautiful appearance, Light weight
Corrosion resistance, Anti-aging

Connector:

N-Female, 4.3-10 Female or customized



Ultra Thin Omni Ceiling Antenna

Electrical specifications						
Frequency range(MHZ)	698-806	806-960	1710-2170	2300-2700	3300-3800	4900-6000
Polarization	H	H	H	H	H	H
Gain(dBi)	4.8	5	6.3	4.5	4.6	6.3
Horizontal beam width(°)	360	360	360	360	360	360
VSWR	≤1.8	≤1.5	≤1.5	≤1.5	≤1.5	≤1.8
Intermodulation IM3(dBc)	≤-153(@2*43dBm)					
Impedance(Ω)	50					
Maximum input power(W)	50					
Lightning protection	DC Grond					
Size(mm)	Φ 213*18.5					
Reflector material	Aluminium					
Radome material	ABS					
Operating temperature (℃)	-40~55					



MIMO Omni Directional Ceiling Antenna

Electrical specifications				
Frequency range(MHZ)	698-806	806-960	1710-2170	2300-2700
Polarization	V/H	V/H	V/H	V/H
Gain(dBi)	2.5	2.5	4	4
Horizontal beam width(°)	360	360	360	360
Vertical beam width(°)	85	85	55	55
Isolation(db)	≥18	≥18	≥25	≥25
VSWR	≤2.0	≤2.0	≤1.5	≤1.5
Intermodulation IM3(dBc)	≤-153(@2*43dBm)			
Impedance(Ω)	50			
Maximum input power(W)	50			
Lightning protection	DC Ground			

Mechanical specifications	
Connector	2*N-Female
Connector position	With cable
Size(mm)	Φ203x43
Net weight(kg)	0.46
Gross weight(kg)	0.5
Wind loading area(㎡)	≤0.2
Max. Wind velocity(%)	36.9
Reflector material	Aluminium
Radome material	ABS
Radome color	White
Operating temperature(℃)	-40~55



Omni Directional Ceiling Antenna

Electrical specifications				
Frequency range(MHZ)	698-806	806-960	1710-2170	2300-2700
Polarization	V	V	V	V
Gain(dBi)	1.5	2	3.5	4
Horizontal beam width(°)	360	360	360	360
Vertical beam width(°)	85	65	55	45
VSWR	≤1.8	≤1.5	≤1.5	≤1.5
Intermodulation IM3(dBc)	≤-153(@2*43dBm)			
Impedance(Ω)	50			
Maximum input power(W)	50			
Lightning protection	/			

Mechanical specifications	
Connector	N-Female
Connector position	With cable
Size(mm)	Φ185x121
Net weight(kg)	0.44
Gross weight(kg)	0.5
Max. Wind velocity(%)	36.9
Reflector material	Aluminium
Radome material	ABS
Radome color	White
Operating temperature(℃)	-40~55

Wlan Antenna

WHERE THERE IS A SIGNAL,
THERE IS A SMALL & BEAUTIFUL ANTENNA.



Applications:

GSM / CDMA / PCS / CDMA2000 / WCDMA / TD-SCDMA / TD-LTE / FDD-LTE SYSTEM
698-960 / 1710-2700MHz Band
Indoor Signal Coverage

Features:

High Gain, Low PIM, Low VSWR
Small size, Beautiful appearance, Light weight
Corrosion resistance, Anti-aging

Connector:

N-Female, 4.3-10 Female or customized



MIMO Indoor Panel Antenna

Electrical specifications				
Frequency range(MHZ)	698-806	806-960	1710-2170	2300-2700
Polarization	±45°	±45°	±45°	±45°
Gain(dBi)	5±1	5±1	6±1	6±1
Horizontal beam width(°)	60	60	60	60
Vertical beam width(°)	30	30	30	30
VSWR	≤2.0	≤2.0	≤1.8	≤1.8
Front-to-back Ratio(db)	≥8	≥8	≥8	≥8
Isolation(db)	≥15	≥15	≥20	≥20
Intermodulation IM3(dBc)	≤-153(@2*43dBm)			
Impedance(Ω)	50			
Maximum input power(W)	50			
Lightning protection	DC Ground			

Mechanical specifications	
Connector	2*N-Female
Connector position	With cable
Size(mm)	275x150x60
Net weight(kg)	0.45
Gross weight(kg)	10
Wind loading area(㎡)	≤0.2
Max. Wind velocity (%)	36.9
Reflector material	Aluminium
Radome material	ABS
Radome color	White
IP Grade	IP65
Operating temperature(℃)	-40~55



Indoor Panel Antenna

Electrical specifications				
Frequency range(MHZ)	698-806	806-960	1710-2170	2300-2700
Polarization	V	V	V	V
Gain(dBi)	7	7	8	8
Horizontal beam width(°)	90±15	90±15	65±10	65±10
Vertical beam width(°)	60±20	60±20	60±20	60±20
VSWR	≤1.8	≤1.5	≤1.5	≤1.5
Front-to-back Ratio(db)	≥12	≥12	≥15	≥15
Intermodulation IM3(dBc)	≤-153(@2*43dBm)			
Impedance(Ω)	50			
Maximum input power(W)	50			
Lightning protection	/			

Mechanical specifications	
Connector	N-Female
Connector position	With cable
Size(mm)	207x177x45
Net weight(kg)	0.35
Gross weight(kg)	0.5
Wind loading area(㎡)	≤0.2
Max. Wind velocity (%)	36.9
Reflector material	Aluminium
Radome material	ABS
Radome color	White
Operating temperature(℃)	-40~55



Log Periodic Directional Antenna

Electrical specifications					
Frequency range(MHZ)	698-806	806-960	960-1710	1710-2170	2300-2700
Polarization	V	V	V	V	V
Gain(dBi)	8	8	8	9	9
Horizontal beam width(°)	90±10	90±10	80±10	75±10	75±10
Vertical beam width(°)	75	75	70	60	60
VSWR	≤1.8	≤1.5	≤1.5	≤1.5	≤1.5
Front-to-back Ratio(db)	≥12	≥13	≥14	≥15	≥15
Intermodulation IM3(dBc)	≤-153(@2*43dBm)				
Impedance(Ω)	50				
Maximum input power(W)	50				
Lightning protection	DC Ground				

Mechanical specifications	
Connector	N-Female
Connector position	With cable
Size(mm)	410x240x60
Net weight(kg)	0.5
Gross weight(kg)	0.6
Wind loading area(㎡)	≤0.2
Max. Wind velocity (%)	36.9
Reflector material	Aluminium
Radome material	ABS
Radome color	White
Operating temperature(℃)	-40~55

Small Base Station(Stadium) Antenna

WHERE THERE IS A SIGNAL,
THERE IS A SMALL & BEAUTIFUL ANTENNA.

Applications:

GSM / CDMA / PCS / CDMA2000 / WCDMA / TD-SCDMA / TD-LTE / FDD-LTE SYSTEM
698-960 / 1710-2700MHz Band
Indoor Signal Coverage

Features:

High Gain, Low PIM, Low VSWR
Small size, Beautiful appearance, Light weight
Corrosion resistance, Anti-aging

Connector:

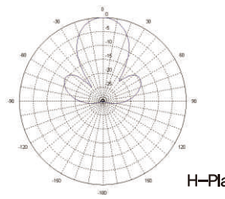
N-Female, 4.3-10 Female or customized



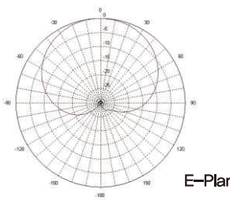
Stadium Panel Antenna

Electrical specifications		
Frequency range(MHz)	698-960	1710-2700
Polarization	±45°	
Gain(dBi)	11±1.5	11±1.5
Horizontal beam width(°)	33±10°	30±10°
Vertical beam width(°)	60±8°	60±8°
Front-to-back ratio(dB)	≥24	≥24
VSWR	≤1.5	≤1.5
Isolation between ports (dB)	≥28	≥28
Intermodulation IM3	≤-150dBc@2x43dBm	
Impedance(Ω)	50	
Maximum input power(W)	250	
Lightning protection	DC Ground	

Mechanical specifications	
Connector	2*N-Female
Refer Size(mm)	556x350x150
Antenna weight(kg)	10
IP Rating	IP65
Diameter of installation pole(mm)	Φ60 to Φ110
Packing weight(kg)	12
Wind loading area(m²)	≤0.15
Rated wind velocity(km/h)	200
Radome material	UPVC
Radome color	White
Operating temperature(℃)	-40~65



H-Plane



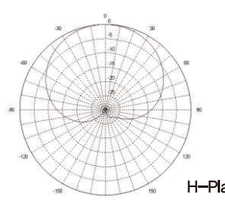
E-Plane



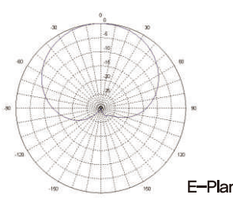
Stadium Panel Antenna

Electrical specifications		
Frequency range(MHZ)	698-960	1710-2700
Polarization	±45°	
Gain(dBi)	7.5±1	8.5±1
Horizontal beam width(°)	65±10°	65±10°
Vertical beam width(°)	60±8°	60±8°
VSWR	≤1.5	≤1.5
Front-to-back ratio(dB)	≥20	≥20
Isolation between ports (dB)	≥25	≥25
Intermodulation IM3(dBc)	≤-150dBc@2x43dBm	
Impedance(Ω)	50	
Maximum input power(W)	250	
Lightning protection	DC Ground	

Mechanical specifications	
Connector	2*N-Female
Refer Size(mm)	350x290x135
Antenna weight(kg)	6
IP Rating	IP65
Diameter of installation pole(mm)	Φ60 to Φ110
Packing weight(kg)	8
Wind loading area(m²)	≤0.1
Rated wind velocity(km/h)	200
Radome material	UPVC
Radome color	White
Operating temperature(℃)	-40~65



H-Plane



E-Plane

Train Antenna & WiFi MIMO Antenna



WHERE THERE IS A SIGNAL,
THERE IS A SMALL & BEAUTIFUL ANTENNA.

Applications:

GSM / CDMA / PCS / CDMA2000 / WCDMA / TD-SCDMA / TD-LTE / FDD-LTE / WiFi / GPS SYSTEM
825-960 / 1710-2700 / 5700-5900 / 1575MHz Band
Outdoor Signal Transceiver

Features:

High Gain, Low VSWR
Small size, Beautiful appearance, Light weight
Corrosion resistance, Anti-aging

Connector:

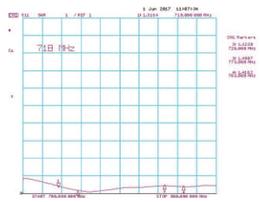
N-Female or customized

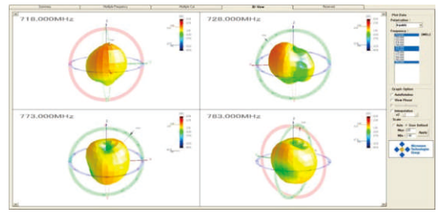


Train Antenna

Electrical specifications				
Frequency range(MHz)	825-960	1710-2700	5700-5900	1575
Polarization	V			R
Gain(dBi)	4.5	5	6	28(LNA)
Horizontal beam width(°)	360	360	360	360
VSWR	≤1.5	≤1.5	≤1.5	≤2.0
Intermodulation IM3(dBc)	/			
Impedance(Ω)	50			
Maximum input power(W)	50			
Lightning protection	/			

Mechanical specifications	
Connector	2*N-Female
Connector position	Bottom
Size(mm)	290*100*130
Net weight(kg)	1.2
Gross weight(kg)	1.3
Reflector material	Aluminium
Radome material	ASA
Radome color	Gray
Operating temperature(℃)	-40~55





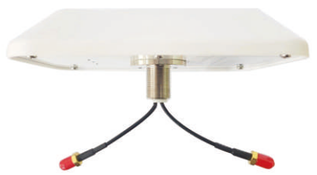


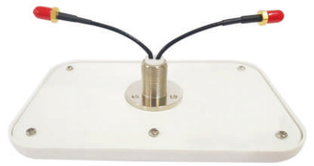
WiFi MIMO Antenna

Electrical specifications		
Frequency range(MHz)	2400-2483.5	5150-5825
Polarization	V	V
Gain(dBi)	2.5	3.0
VSWR	≤1.8	≤2.0
Impedance(Ω)	50	
Maximum input power(W)	1	
Lightning protection	DC Ground	
Connector	SMA-type Female X 2	
Antenna weight(g)	160	
Color	White	
Radome material	ABS	
Size(mm)	120x180x30	
Operating temperature(℃)	-40~55	



디자인등록증
제30-0730505호





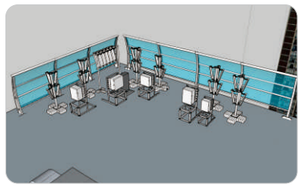
Eco 3D Structure B’ d Design

"이동통신 안테나 환경친화 펜스"
도시의 미관을 개선하고 전파환경에 대한 영향을 최소화 시킨 3D 모델링 디자인 설계를 통하여 주변 구조물(건물)경관과 조화를 이루도록 설치하는 환경친화 펜스형 구조물

UQ Technologies

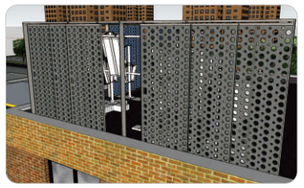
디자인 출원

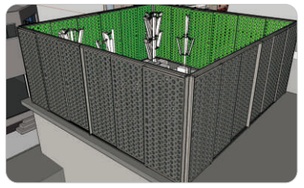
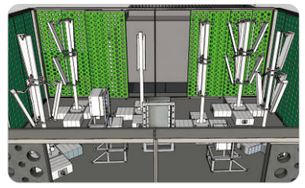
Dome Type

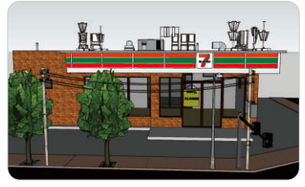

특허 출원

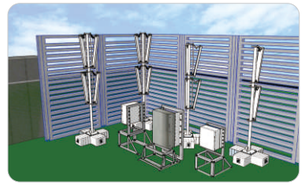
Slide Type

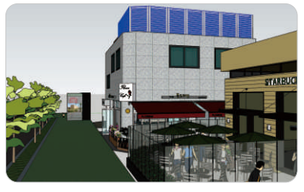



펜스 일반형








중앙전파관리소 고시 제 2017– 1호 “전파법 시행령 제 69조의 2 제 5항” 세부사항 의거
“환경친화적 구조물” 울타리(일반)형, 분산프레임 & 펜스은폐형–Dome 타입, 슬라이드 타입

SCB(Simple Convenience Bracket)



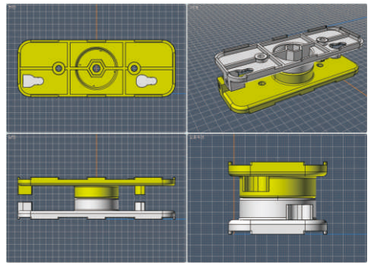
유무선통신기기 설치용 브라켓
이동통신 중계기 고정용 브라켓

GIGA WiFi Bracket

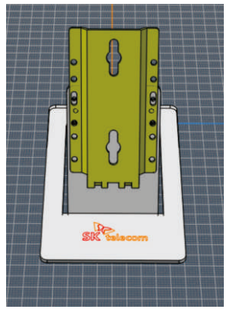



G.W.B의 특장점

1. 기능성 부품설계의 슬림형 구조물
2. 특수 엠보싱 설계의 안정적 하중고정방식
3. 현장의 조립 및 설치 간편화
4. 현장 통신기기 도난방지 시건 볼트 채택
5. 석고보드 장착 시 안정적 고정력 유지



Stand Bracket

S.B 설치효과

1. 무천공 스탠드형 거치 용이한 위치 설정가능
2. 벽천공으로 인한 훼손 방지
3. 고객 VOC민원 신속처리 및 설치비 절감
4. 철거 및 이설에 따른 FLEXIBLE 시공단축


특허증 제30–0853511호


디자인등록증 제10–1615883호


디자인등록증 제30–0756856호